SITE: Lafayette Sheet Metal
BREAK: 2.8
OTHER: v.1

INVESTIGATION REPORT
FOR
WHITE PROPERTY, CONNER PROPERTY
STEELE LANDFILL, WORD PROPERTY
AND LAFAYETTE SHEET METAL
LAFAYETTE, GEORGIA

TDD#s: 04-8607-18 ID#
04-8607-07
04-8607-19
04-8607-05
04-8607-04

EPA OSC: Ray Strickland

TAT MEMBERS: Neal Strickland
Mark Rigatti

DATE SUBMITTED: 30 September 1986

TABLE OF CONTENTS

I. INTRODUCTION

II. SITE CHARACTERIZATION

A. SITE LOCATIONS

B. HISTORY AND WASTE DISPOSAL PRACTICES

C. GEOLOGY

III. SAMPLE ACQUISITION AND DISCUSSION OF RESULTS

A. GENERAL

B. LAFAYETTE SHEET METAL
B.1 SAMPLE ACQUISITION
B.2 DISCUSSION OF RESULTS

C. WORD PROPERTY
C.1 SAMPLE ACQUISITION
C.2 DISCUSSION OF RESULTS

D. CONNER PROPERTY
D.1. SAMPLE ACQUISITION
D.2. DISCUSSION OF RESULTS

E. WHITE PROPERTY
E.1. SAMPLE ACQUISITION
E.2. DISCUSSION OF RESULTS

F. STEELE LANDFILL
F.1 SAMPLE ACQUISITION
F.2 DISCUSSION OF RESULTS

IV. METHODOLOGY AND QUALITY CONTROL/QUALITY ASSURANCE
A. METHODOLOGY
B. QUALITY CONTROL/QUALITY ASSURANCE

APPENDICES

ANNEXES

INVESTIGATION REPORT

I. INTRODUCTION

The Region IV Technical Assistance Team (TAT) of Roy F. Weston, Inc. conducted investigations at five potential hazardous waste sites in the LaFayette, Georgia area between 18 and 20 August 1986. The investigations, performed by Mark Rigatti and Neal Strickland, were conducted at the request of the U.S. EPA Region IV in accordance with the provisions of Technical Direction Documents (TDDs) 04-8607-04, 05, 07, 18 and 19. Ray Strickland, Region IV EPA OSC also participated in the investigations.

This report is submitted as a field trip report detailing observations made during the investigations and as a report of laboratory results relating the analytical data for each site.

The purpose of the investigations at the White Property, Conner Property, Steele's Landfill, Word Property, and LaFayette Sheet Metal Company was to provide legally defendable analytical data to supportthe preparation of Action Memoranda. The completed Action Memoranda would then be used to justify CERCLA immediate removals at any of the qualifying sites.

II. SITE CHARACTERIZATION

A. Site Locations

All sites are located in Walker County of northeast Georgia between latitude 34° 50' and 34° 45' and longitudes 85° 25' and 85° 15'. The specific locations of each site are identified an the General Highway Map of Walker County at Appendix 1. Three of the sites, Word Property, Conner Property and White Property, are associated with private residences, one site, Steele's Landfill, is a State of Georgia approved and monitored landfill, and one site, LaFayette Sheet metal, is part of a small metal fabrication facility. Photographs and descriptions are included as Appendix 2. All sites are one acre or less in size and were observed to contain both surface and buried waste. The topography of the area is typical of the Ridge and Valley Sedimentary Rocks formation of northeast Georgia.

B. History Waste Disposal Practices

Little is known about the history of each site except for unsubstantiated reports that a nearby carpet backing manufacturer disposed of waste materials consistent with disposal practices found at four of the five sites. The fifth site, LaFayette Sheet Metal (LSM) was observed the contain buried wastes not found at

the other four sites. Wastes at the LSM site were observed to be buried in a 100'x75' area at the rear of the facility. Evidence of buried drums and a paper-like substance with a characteristic solvent odor was noted throughout the surface of the fill area. This waste is not typical of the latex type wastes generated from the nearby carpet backing manufacturer or the waste observed at the other four sites.

In a 9 July 1986 meeting with Tom Potts, Plant Manager of the Riechold Chemical Company, OSC Ray Strickland informed company representatives of the investigations by EPA at the above mentioned sites and of disposal practices at the Riechold facility. During the meeting Doug Steele, owner and operator of Steele's Landfill and former foreman at Riechold Chemical, stated the company had buried waste on private property in the past. However, company representatives would not verify if the Conner Property, White Property or Word Property were disposal sites used by the company. Potts and Steele did confirm the company presently disposes of wastes at Steele's landfill and that Steele holds a Georgia Waste Disposal Permit for the landfill. Potts further stated that neither the State of Georgia or Riechold Chemical considered the waste to be hazardous.

C. Geology

All the sites lay in the Ridge and Valley Provience of northeast Georgia. Surface soil types in the area are generally saprolytic clay and sandy clay underlain by limestone, shale, and chert with lesser sandstone units and chert nodules throughout. Depth to groundwater varies greatly from site to site because of location and topography. A potential for groundwater contamination whether of a true aquifer or a perched aquifer exists because of the nature of the overlying soils.

III. SAMPLE ACQUISITION AND DISCUSSION OF RESULTS

A. General

The conduct of these field investigations involved two phases. The first phase was a preliminary site visit to verify site location and obtain estimates for later sampling studies. This phase was completed on 9 July 1986 by EPA OSC Ray Strickland and Region IV TATM Neal Strickland. Following the site visits detailed sampling plans for each site were prepared and submitted to EPA.

The second phase was sample acquisition and submission of the samples to Advanced Chemistry Labs, Inc. of Chamblee Georgia for analysis. All sample point locations for each of the five sites is denoted in a site sketch and detailed in the text of the Field Log Notes included as Appendix 3. All samples were analyzed

for Priority Pollutant Base/Neutral/Acid Extractables and Volatile Organics.

B. LaFayette Sheet Metal - TDD# 04-8607-04

B.1 Sample Acquisition

One soil/sediment sample and one composite waste sample was collected. The soil/sediment sample coded LSM-SS was collected from alluvial sediment in a drainage pattern dawn gradient of the fill area. One waste composite sample coded LSM-W1, was collected from surface drum and uncontainerized waste that was protruding through the fill cap. Pertinent information about each sample is summarized on the chain-of-custody form number 4-5695 at Appendix 4.

B.2 Discussion of Results

All samples were analyzed by GC/MS instrumentation for Priority Pollutant Base/Neutral/Acid Extractables and Volatile Organics. No volatile compounds were detected at concentrations above the detection limit of five (5) ppb. No acid extractable compounds were detected at concentrations above the detection limit of one (1) ppm. No base/neutral extractable compounds were detected at concentrations above the detection limit of one (1) ppm. The original lab results are attached as Annex A.

C. Word Property - TDD# 04-8607-05

C.1 Sample Acquisition

One surface water sample, one stream sediment sample, one alluvial soil sample were collected from the down gradient northwest side of the site. One surface waste composite was collected on site. The surface water sample was coded WDP-SW, the stream sediment sample was coded WDP-SS, the alluvial soil sample was coded WDP-WC. Pertient information about each sample is summarized on the chain-of-custody form number 4-5691 at Appendix 4.

C.2 Discussion of Results

All samples were analyzed by GC/MS instrumentation for Priority Pollutant Base/Neutral/Acid Extractables and Volatile Organics. Only one sample, WDP-WC was found to contain compounds above the detection limits. Two compounds, ethylbenzene at 638 ppb and toluene at 4,697 ppb were detected and confirmed in the volatible fraction of the sample. The original lab results are are attached as Annex B.

D. Conner Property - TDD# 04-8607-07

D.1 Sample Acquisition

One subsurface waste sample and one composite drum sample were collected. The subsurface waste sample coded CP-BW was collected by stainless steel soil auger between the depths of 3'0" and 4'6". Below 4'6" a dense clay confining layer was observed and theorized to be the vertical extent of the pit. No attempt was made on this investigation to determine the lateral extent of the pit. The composite drum sample coded CP-DC was collected randomly from five (5) of the approximately 100 drums observed scattered throughout the Conner Property. The material in the drums had been exposed by deterioration of the containers and appeared to be a light-colored elastic material resembling latex. Pertinent information about sample is summarized on the chain-of-custody form number 4-5694 at Appendix 4.

D.2 Discussion of Results

All samples were analyzed by GC/MS instrumentation for Priority Pollutant Base/Neutral/Acid Extractables and Volatile Organics. Only one compound was detected and confirmed present. This was ethylbenzene at 6,358 ppb in the volatile compounds fraction of sample CP-BW. The original lab results are attached as Annex C.

E. White Property - TDD# 04-8607-18

E.1 Sample Acquisition

One composite drum sample coded WP-DC was randomly collected from three (3) of the approximately 50 drums scattered on the southeast side of the property. The material in the drums had been exposed by deterioration of the containers and appeared to be a light colored elastic material resembling latex. Pertinent information about the sample is summarized an chain-of-custody form number 4-5693 at Appendix 4

E.2 Discussion of Results

The sample acquired was analyzed by GC/MS instrumentation for Priority Pollutant Base/Neutral/Acid Extractables and Volatile Organics. No compounds were detected or confirmed above the established detection limits. The original lab results are attached at Annex D.

F. Steele Landfill - TDD# 04-8607-19

F.1 Sample Acquisition

One waste pile sample, one buried waste sample and one downgradient alluvial sediment sample were collected. The waste pile sample was coded SL-WP, the buried waste sample was coded SL-WB and the downgradient sediment sample was coded SL-CS. During the sample collection, organic vapor analyzers were utilized to screen the volatiles being emitted from the waste piles. Total volatile organics over the waste pile were measured at >300 ppm. Numerous empty rinsed 55 gallon drums were observed on the surface and protruding from the fill slope. Pertinent information about each sample is summarized on the chain-of-custody form number 4-5689 at Appendix 4.

F.2 Discussion of Results

All sample were analyzed by GC/MS instrumentation for Priority Pollutant Base/Neutral/Acid Extractables and Volatile Organics. No compounds were detected in the downgradient sediment sample above the detection limit. Ethylbenzene was detected and confirmed in the waste pile sample coded SL-WP at 2,379 ppb and in the buried waste sample coded SL-WB at 1,587 ppb. The original lab results are attached as Annex E.

IV. METHODOLOGY AND QUALITY CONTROL/QUALITY ASSURANCE

A. Methodology

All sample collection, preservation, documentation, and chain-of-custody procedures used during this investigation were in accordance with the Environmental Services Division (ESD) Engineering Support Branch, Standard Operating Procedures and Quality Assurance Manual, April 1, 1986.

All samples were hand carried to Advanced Chemistry Labs, Inc. in Chamblee, Georgia and custody was then relinguished to the lab thus completing the required unbroken chain-of-custody.

B. Quality Control/Quality Assurance

Quality control of the laboratory data used in this report was not performed by the Region IV ESD. However, Advanced Chemistry Labs performed and maintained appropriate records of all daily calibration and turning records in accordance with established EPA Quality Control guidelines.

APPENDIX 1

GENERAL HIGHWAY MAP
WALKER COUNTY GEORGIA

APPENDIX 2

PHOTOGRAPHS

PHOTO# 1
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: LAFAYETTE SHEET METAL FILL AREA

Location: LAFAYETTE GEORGIA
Date: 18 AUG 86 **Time:** 1015
Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI
Film: FUJI **ASA:** 200 **Location of Negative:**
TDD#: 04-8607-04 TAT PHOTO FILES

PHOTO# 2
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: LAFAYETTE SHEET METAL SIGN ON FACILITY WITH PHONE NUMBER
Location: LAFAYETTE SHEET METAL
Date: 18 AUG 86 **Time:** 1030
Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI
Film: FUJI **ASA:** 200 **Location of Negative:**
TDD#: 04-8607-04 TAT PHOTO FILES

PHOTO# 3
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: EVIDENCE OF BURIED DRUMS

Location: LAFAYETTE SHEET METAL

Date: 18 AUG 86 **Time:** 1030

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-04 TAT PHOTO FILES

PHOTO# 4
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: DRAINAGE PATTERN WHERE SEDIMENT SAMPLE LSM-SS WAS COLLECTED

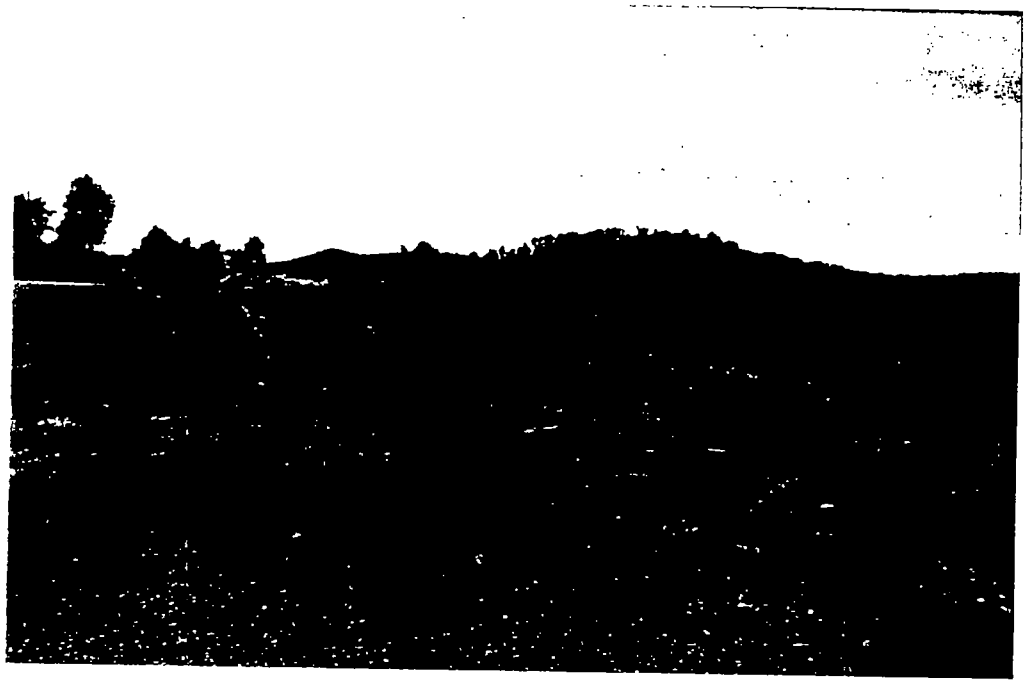
Location: LAFAYETTE SHEET METAL

Date: 18 AUG 86 **Time:** 1030

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-04 TAT PHOTO FILES



PHOTO# 5
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: STEELE'S LANDFILL, FILL AREA ABOUT ONE ACRE IN SIZE
Location: LAFAYETTE GEORGIA
Date: 19 AUG 86 **Time:** 1000
Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI
Film: FUJI **ASA:** 200 **Location of Negative:**
TDD#: 04-8607-19 TAT PHOTO FILE

PHOTO# 6
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: DRUMS OBSERVED ON SURFACE AND SLOPE OF FILL.
Location: STEELE LANDFILL LAFAYETTE GEORGIA
Date: 19 AUG 86 **Time:** 1000
Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI
Film: FUJI **ASA:** 200 **Location of Negative:**
TDD#: 04-8607-19 TAT PHOTO FILE

PHOTO# 7
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: WASTE PILE TO BE COVERED. SAMPLE COLLECTION POINT SL-WP.
Location: STEELE LANDFILL, LAFAYETTE GEORGIA
Date: 19 AUG 86 **Time:** 1000
Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI
Film: FUJI **ASA:** 200 **Location of Negative:**
TDD#: 04-8607-19 TAT PHOTO FILE

PHOTO# 8
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: POOR FACILITY MAINTAINENCE - DEBRIS AND WASTE EXPOSED FROM FILL SLOPE.
Location: STEELE LANDFILL, LAFAYETTE GEORGIA
Date: 19 AUG 86 **Time:** 1020
Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI
Film: FUJI **ASA:** 200 **Location of Negative:**
TDD#: 04-8607-19 TAT PHOTO FILE

PHOTO# 9
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: COMPANY AND CHEMICAL NAMES ON EMPTY DRUMS AT STEELE LANDFILL

Location: LAFAYETTE, GEORGIA

Date: 19 AUG 86 **Time:** 1030

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-19 TAT PHOTO FILE

PHOTO# 10
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: CONTAINERS ON SITE VERIFIED MATERIALS WERE FROM RIEICHOLD CHEMICAL

Location: STEELE LANDFILL, LAFAYETTE GEORGIA

Date: 19 AUG 86 **Time:** 1030

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-19 TAT PHOTO FILE

PHOTO# 11
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: WORD PROPERTY WASTE BURIAL AREA

Location: LAFAYETTE GEORGIA

Date: 18 AUG 86 **Time:** 1610

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-05 TAT PHOTO FILE

PHOTO# 12
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: DRUMS LOCATED ADJACENT TO FILL AREA

Location: WORD PROPERTY LAFAYETTE GEORGIA

Date: 18 AUG 86 **Time:** 1605

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-05 TAT PHOTO FILE

PHOTO#13
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: DRAINAGE AREA FROM WORD PROPERTY SAMPLE COLLECTION AREA

Location: LAFAYETTE GEORGIA

Date: 18 AUG 86 **Time:** 1605

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-05 TAT PHOTO FILES

PHOTO# 14
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: SURFACE WASTE PILE ADJACENT TO FILL AREA SAMPLE COLLECTION POINT

Location: WORD PROPERTY LAFAYETTE GEORGIA

Date: 18 AUG 86 **Time:** 1610

Photographer: NEAL STRICKLAND **Witness:** MARK RIGATTI

Film: FUJI **ASA:** 200 **Location of Negative:**

TDD#: 04-8607-05 TAT PHOTO FILES

APPENDIX 3

FIELD LOG NOTES

TAT-04-00051

OSC STRICKLAND

TAT STRICKLAND/RIGATTI

TOD's 04-8607-18
07-07
07-19
07-04
07-05

PA's LaFayette 7/9/86

8:00A Strickland and Strickland depart Atlanta

10:30A Arrive at LaFayette Sheet Metal HWY 27 north of LaFayette. (38-1228

Fill area behind shop shows evidence of buried drums. Solvent odor noticed in soil/waste. Suggest 2 samples ① waste composite ② down gradient soil from drainage pattern.

11:00A ARRIVE of Mathis Brothers dump of Stevens Road & comp road of SR 136 - north of LaFayette (136 - East at Mountain Sand Hwy)

Will need to collect
4 - drum samples
8 - sediments at drainage patterns
1 - pond water
1 - pond sediment
8 - lagoon sediment (subsurface)
2 - sub surface soil
24 samples

not used

Will need an aerial photo - site is over 300 acres.

12:00N
Arrive at Shaver Road site
Shaver's Farm Landfill.
- gate locked - will not enter -

12:30P
Arrive at Stubi's Landfill. Numerous drums beg buried - strong organic odors - pile of waste materials are buried - Mr. Dan Stubi has arrived on site. He states he is permitted by the State.

Will need to collect 2 waste samples & one sediment sample.

1:00P lunch

2:30P at the Ward Property off Prospect Road.

approximately 2 acres of fill. Evidence of plastic & metal buried.

1 - water
1 - sediment
1 - soil composite
2 - subsurface soil
~~2 - soil composites from pits~~

not used

3:15P Arrived at Mathis Brothers site on Upper Marblehead road (≈ 4 acres) evidence of buried drums.

2 - water
2 - sediment
4 - subsurface soil

3:40P depart Mathis site.

3:45P Arrive at Christ Pit dump.

4 - sludge from lagoons / sediment - 1 - water
2 - composite soil

Maths, White, Joe Parker

4:05 P depart Chit Pit

4:10 P Discover the Robert Upshaw residuals. This is one of the previously unlocated possible dumps.

5:00 P Quit for the day

10:00 A

Arrive at Conner's Property off Marbletop Road
≈ 80 drums clean pit.

Need 1 - composite drum sample
1 - subsurface soil

11:30 A at Ruckdeschel Chemical - Plant
Manager Tom Potts
OSC Strickland signs of investigation

not used

AUGUST 18, 1986

WEATHER: SUNNY AND WARM WITH A HIGH OF 96°.

1000 ARRIVE AT LAFAYETTE SHEET METAL. TATMS STRICKLAND & RIGHT) MEET WITH OSC STRICKLAND.

SAMPLE # LSM-SS COLLECTED. (2 CONTAINERS, 1-32oz G & 1-40z(G) FOR VOA & PRIORITY POLLUTANT ANALYSIS.

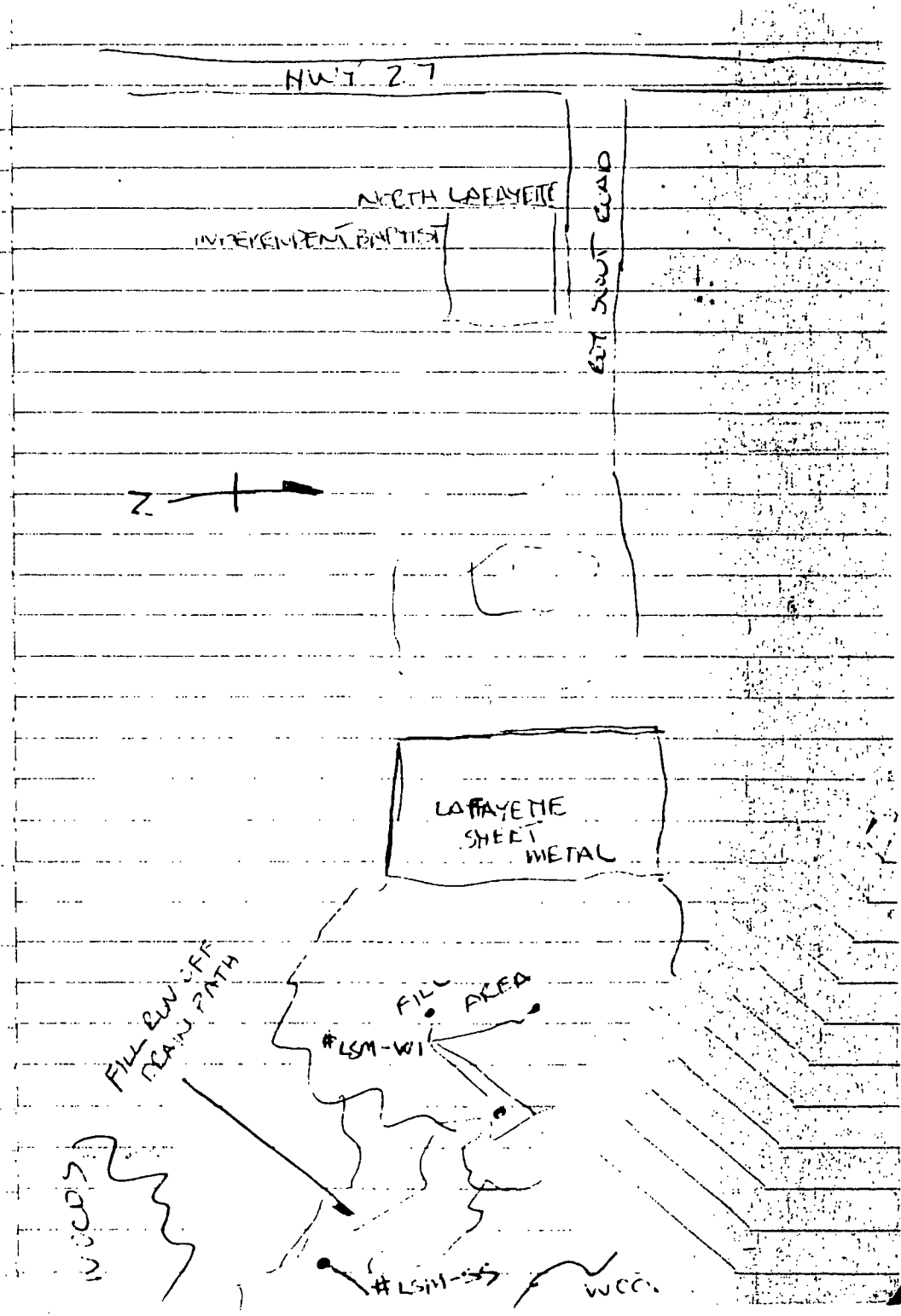
1005 RESIDENT: JEROME MCCLINDEN
RT 1 MCCARTER RD
LAFAYETTE, GA 30728
404/638-6710

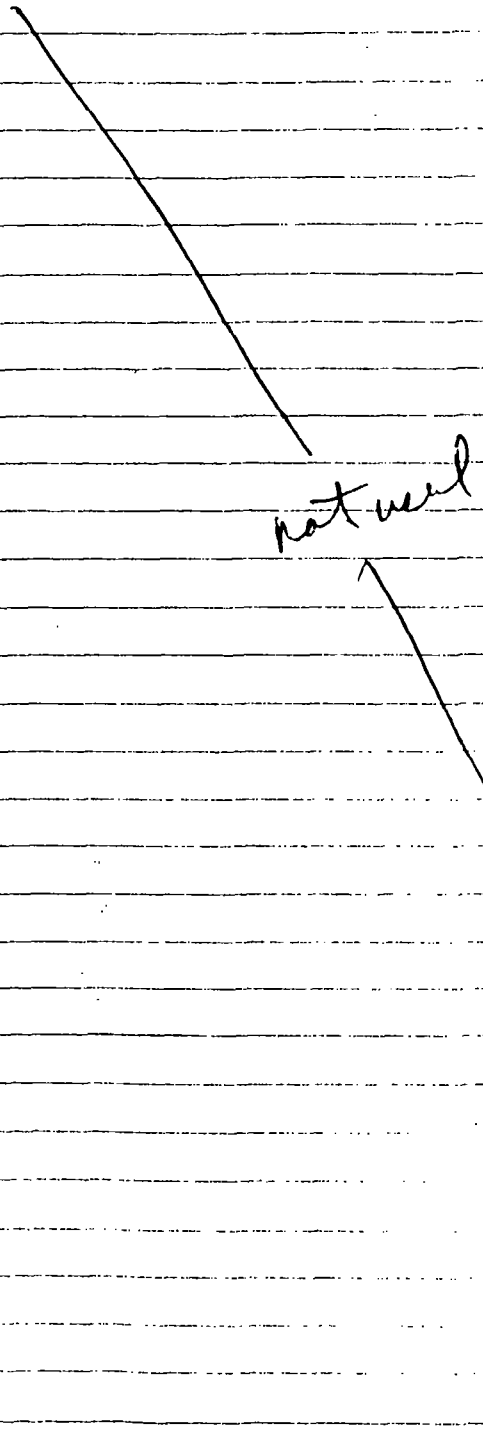
SPOKE WITH TATMS, EXPLAINED THAT SVES AND THE TREES IN THE DRAIN PATH OF FILL BEHIND LAFAYETTE SHEET METAL DIED OFF. HE ALSO IDENTIFIED A WELL 25 FT FROM FILL THAT IS NOT PRESENTLY IN USE.

1010 SAMPLE # LSM-WI COLLECTED. 1 CONTAINER, 16oz G FOR PRIORITY POLLUTANT ANALYSIS.

TAG # - 456603 (WI), 456601, 02 (SS)
CHAIN OF CUSTODY # - 49695

not used


HWY 27
NORTH LAFAYETTE
INDEPENDENT BAPTIST
EAST SIDE ROAD
N
LAFAYETTE
SHEET
METAL
FILL AREA
#LSM-W1
FILL AWAY
DRAIN PATH
#LSM-SS
WOOD
WOOD



1025 DEPARTED LSM ENROUTE TO CONNER PROPERTY.

1047 ARRIVED AT CONNER PROPERTY.

1100 STARTED SOIL AUGER IN AREA BELIEVED TO BE BURIED PIT. 0-2'6" SAND/FINE GRAVEL GRAY TO TAN; 2'6"-3'6" WET DENSE SANDY CLAY GRAY MARBLY; 3'6"-4'6" BURIED PLASTIC, METAL BANDS & SHEETS; 4'6"-5' CONFINING WHITE/YELLOW CLAY LAYER OVERLAIN WITH WATER.

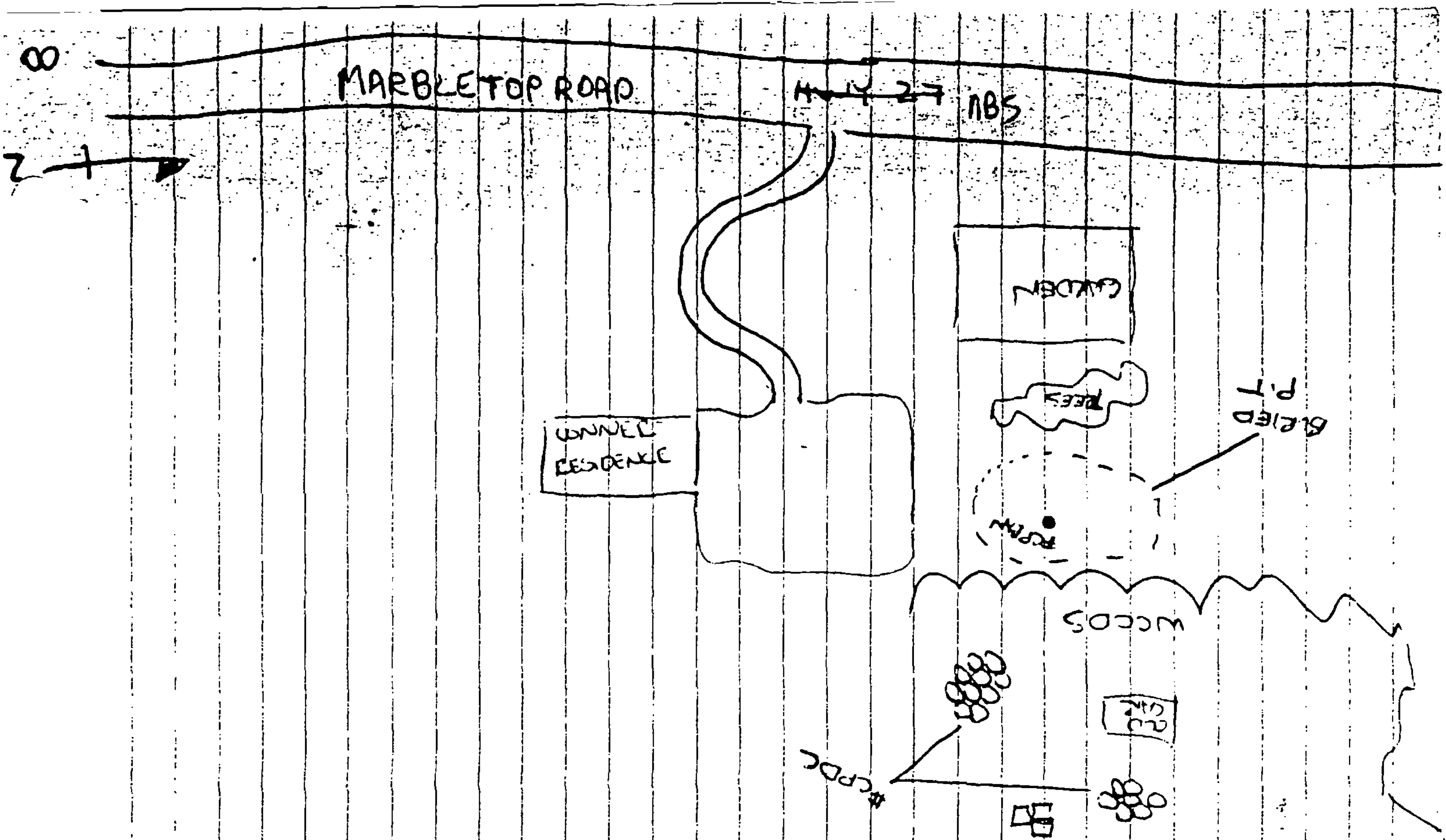
1110 SAMPLE# CPBW COLLECTED. SUBSURFACE SOIL 3'-4'6", 2 CONTAINERS 40z6 AND 32oz6 FOR VOA AND PRIORITY POLLUTANT ANALYSIS.

1130 SAMPLE# CPDC COLLECTED. DRUM CONTENTS 1-16026 FOR PRIORITY POLLUTANT ANALYSIS. SAMPLE COLLECTED FROM 4 SEPARATE DRUMS SCATTERED AROUND PROPERTY, MATERIAL VARIED FROM GRAY/WHITE POWDER TO LATEX MATERIAL.

TAG# 456604, 05 (CPBW)
456606 (CPDC)

CHAIN OF CUSTODY# 45614

1140 STARTED PAPER WORK AND DECONTAMINATING SAMPLING EQUIPMENT.



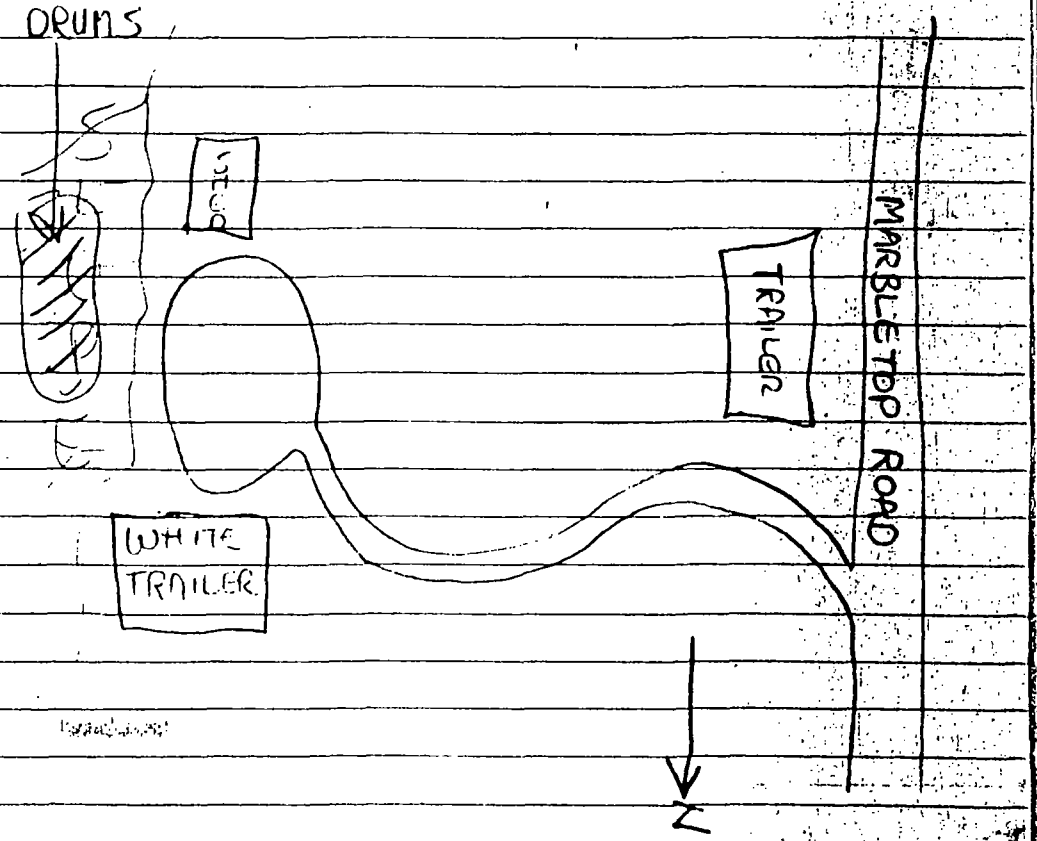
not used

not used

1205 Arrived at White Property adjacent to Conner Property.

1223 Collected one composite drum sample (1-16 oz glass) for Priority Pollutant analysis. WP-DC.

1235 Departed White Property enroute to Steili's landfill.



not used

NBS

1250 Arrived at Steele's landfill to contact Dan Steele. OSC Strickland related we would be back tomorrow morning to sample. Steele related he would leave the gate open.

1:15P Depart for lunch.

2:25P Arrive at Word Property off Prospect road. TALKED WITH MR. WORD AND GAINED PROPERTY ACCESS.

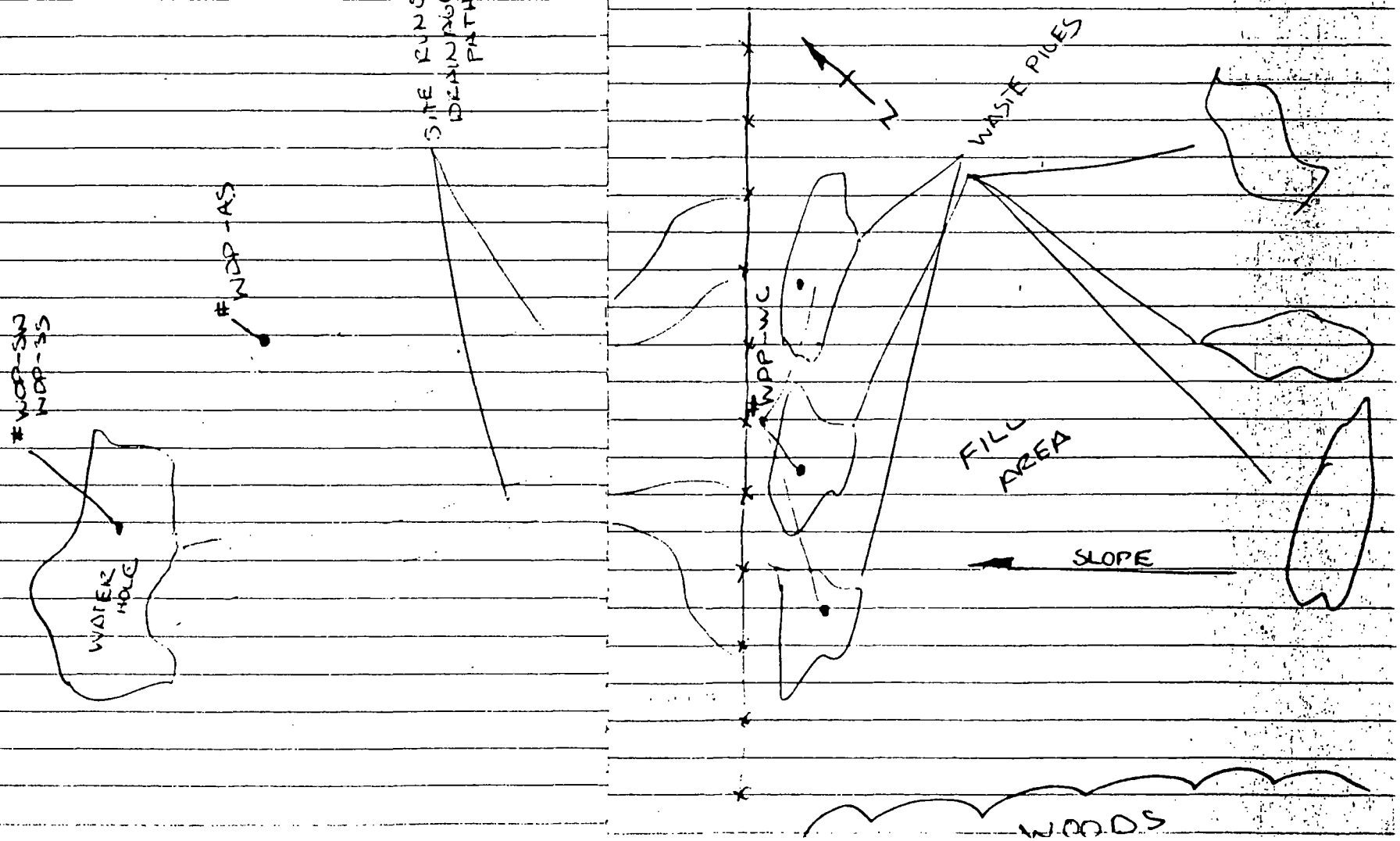
1450 COLLECTED STREAM SEDIMENT AND STREAM WATER SAMPLE, SAMPLE # WDP-SW; WDP-SS TAG # 4-56608, 09, 10, 11 & 12.

1505 COLLECTED SAMPLE # WDP-AS, SOIL SEDIMENT IN NW SITE RUNOFF DRAINAGE DITCH, TAG # 4-56613, 14. STARTED AUGERING FOR SUBSURFACE SOIL SAMPLE.

1555 UNABLE TO AUGER INTO SOIL ON SITE BELOW A DEPTH OF 6" BECAUSE OF LAYTEX TYPE MATERIAL AND DEBRIS OVER LAINT SITE.

OSC DECIDED THAT SOIL SAMPLE NEED NOT TO BE COLLECTED.

1607 WASTE SAMPLE COLLECTED, SAMPLE# WDP-WC; TAG# H-5615,16. COMPLETED PAPER WORK AND EQUIPMENT DECONTAMINATION. CHAIN OF CUSTODY # 45691



not used

1630 DEPARTED WORD PROPERTY SITE.

SUMMARY:

SAMPLED, DOCUMENTATED, AND MAINTAINED PROPER CHAIN OF CUSTODY FOR FOUR SITES NEAR LAFAYETTE GA. SAMPLES ARE TO BE ANALYZED UNDER SPECIAL PROJECTS FUNDING FOR PRIORITY POLLUTANT BASE-NEUTRAL-ACID EXTRACTABLES AND VOLATILE ORGANICS.

SAMPLES WERE PRESERVED ON ICE AND SECURELY LOCKED IN EPA VEHICLE LISCENCE PLATE NUMBER (EPA 1168)

CHAIN-OF-CUSTODY FORM NUMBERS ARE AS FOLLOWS:

LAFAYETTE SHEET METAL - 4-5695
CONNER PROPERTY - 4-5694
WHITE PROPERTY - 4-5693
WORD PROPERTY - 4-5691

AUGUST 19, 1986

WEATHER: SUNNY AND WARM WITH A HIGH OF 90°.

PLANS FOR THE DAY:

1) SAMPLE STEELE'S LANDFILL 3 WASTE AND 1 SEDIMENT SAMPLES

0910 ARRIVE ON SITE, START SETTING UP EQUIPMENT FOR DAYS ACTIVITIES

1025 EPA OSC STRICKLAND, HANKE, AND FOUR REGION IV RCRA PERSONNEL PLUS DOUG STEELE ARRIVE.

1040 RIGATTI AND STRICKLAND BRIEF EPA ON THE SAMPLING SCHEME FOR STEELE'S LANDFILL

1110 TAT COLLECTS AN ENVIRONMENTAL SAMPLE FROM THE DRAINAGE PATTERN BELOW THE LANDFILL.
SEDIMENT SAMPLE: SL-CS
ONE QUART GLASS - B/N/A
ONE 402 GLASS - VO

1120 SAMPLE SL-CS DOCUMENTED AND SEALED.

not used

1135 TAT COLLECTS TWO WASTE SAMPLES FROM LANDFILL TOP.

— SAMPLE SL-WP IS FROM AN UNBURIED PILE OF RUBBER LIKE WASTE.
ONE ~~QUART~~ 16 OZ JARS GLASS — B/N/A AND VOA
~~ONE~~ JARS

— SAMPLE SL-WB IS FROM BURIED WASTE IMMEDIATELY UNDER FILL CAP.

1215 TAT DOCUMENTS AND SEALS WASTE SAMPLES SL-WP AND SL-WB. CHAIN-OF-CUSTODY FORM # 4-5689 WAS PREPARED.

1230 TAT DECONTAMINATES SAMPLING EQUIPMENT

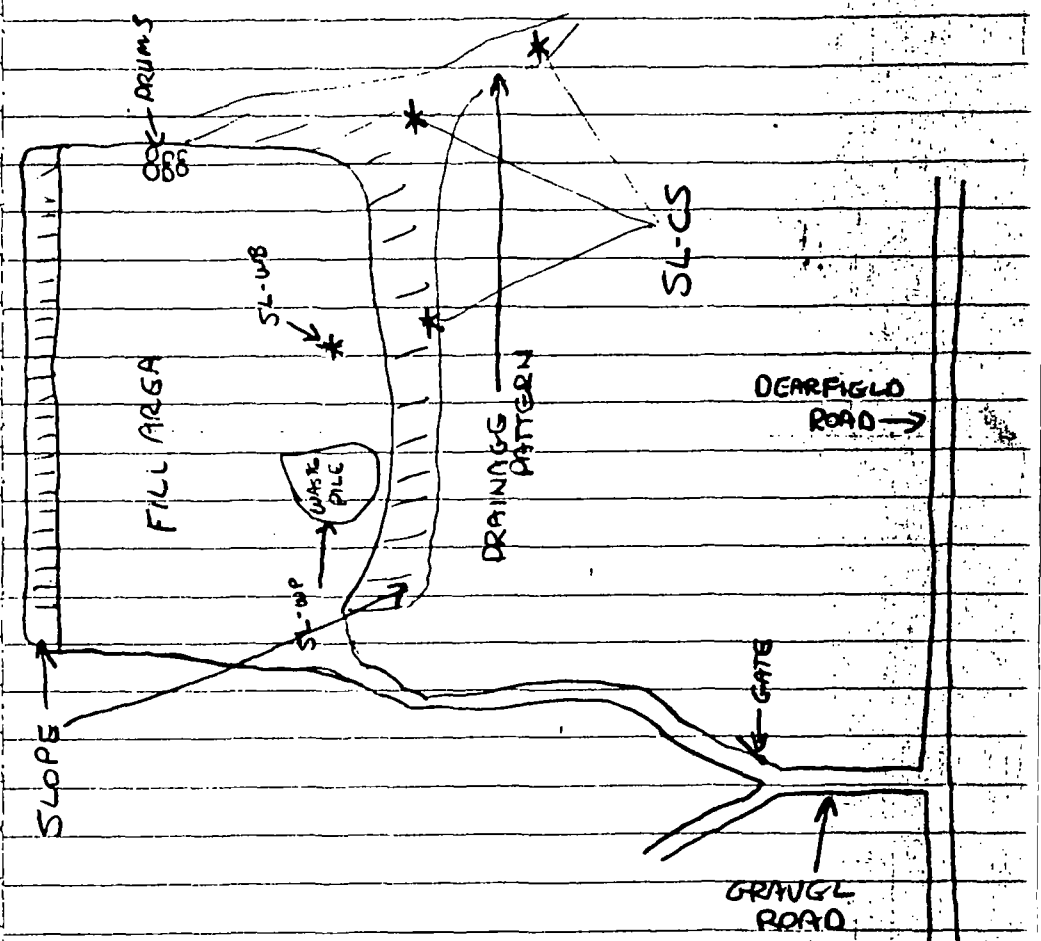
1245 TAT DEPARTS SITE.

SUMMARY: ONE POSSIBLE HAZARDOUS WASTE SITE WAS SAMPLED, THREE SAMPLES WERE COLLECTED; ONE SOIL AND TWO WASTE.

SAMPLES WERE SEALED, DOCUMENTED, AND SECURELY LOCKED IN EPA VEHICLE TAG NUMBER (EPA-1168).

not to scale

STEELE'S LANDOFILL



AUGUST 20, 86

TAT CONTACTS THREE LABORATORY FOR SPECIAL PROJECTS BIDS FOR ANALYSIS.

AUGUST 21, 86

BIDS ARE RECEIVED AND ADVANCED CHEMISTRY LABORATORY, INC. WAS LOW BID ON A FOUR WEEK TURN AROUND TIME ~~BDS~~ BDS FOR PRIORITY POLLUTANT B/N/A AND V.O ANALYSIS.

~~BDS~~ BDS

1345 TAT STRICKLAND RELINQUISHES CUSTODY OF SAMPLES TO ADVANCED CHEMISTRY, INC REPRESENTATIVE SHAKER REED.

not used

APPENDIX 4

CHAIN-OF-CUSTODY FORMS

U. S. EN..RONMENTAL PROTECTION AGENCY
REGION 4

CHAIN ... ...ODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO.	PROJECT NAME
	STEELE'S LANDFILL

SAMPLERS (*Signature*): [signature] / [signature]

Circle/add Parameters Desired
( ) - Indicates Separate Containers

Parameter columns — Water/Wastewater: (1) (Gal G (ext org. Pest) (EP) (herb); (2) 40 ml vial (VOA); (3) 250 ml G (TOX); (4) P (Bod, TSS, Cl, Fl, So4, etc); (5) ILG (pheno) (O&G) (pest); (6) ILP (met, hard) (Toc, COD, N, P, etc); (7) 0.5-ILP (S=); (8) ½ gal or ILP (CN); (9); (10). Soil/Sed/Sldg: (11) 8 oz G (ext org, pest, herb) (met) (EP); (12) 4 oz G (VOA) PP; (13) P or G (CN, S=, N, P, COD, etc). Waste: (14) 8 oz G (ext org, pest, herb, VOA); (15) 8 oz G (EP) (met, CN, S=, FP) (FP, BTU); (16) 16 OZ G TOTAL PP. Misc: (17) 32 OZ G FP DNA; (18)–(23).

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	REMARKS/TAG NUMBERS
SL-CS	8/19/86	1020	X		LANDFILL DRAINAGE PATH	2												1					1							4-56617, 18
SL-WP	8/19/86	1050		X	SURFACE WASTE PILE	1																1								4-56619
SL-WB	8/19/86	1055		X	BURIED WASTE	1																1								4-56620

Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)	Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)
[signature]	8/21 1745	[signature] 8/21/86 1:45			
Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)	Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)

Remarks
- WASTE SAMPLE 400 ppm HNU READING
P.O.# 21637

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory; Pink copy retained by laboratory; Yellow copy retained by samplers; Blue copy extra copy as needed.

4 5685

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO.	PROJECT NAME
	LAFAYETTE S[illegible]

SAMPLERS (*Signature*): Neal Strickland / Mick [illegible]

Circle/add Parameters Desired; ( ) - Indicates Separate Containers

Water/Wastewater | Soil/Sed/Sldg | Waste | Misc

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	(Gal G (ext org, Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, So4, etc)	ILG (pheno) (O&G) (pest)	ILP (met, hard) (Toc, COD, N, P, etc)	0.5-ILP (S=)	½ gal or ILP (CN)			8 oz G (ext org, pest, herb) (met) (EP)	4 oz G (VOA) F.F.	P or G (CN, S=, N, P, COD, etc)	8 oz G (ext org, pest, herb, VOA)	8 oz G (EP) (met, CN, S=, FP) (FP, BTU)		32 oz [illegible] F.F.	16 oz [illegible] F.P.						REMARKS/TAG NUMBERS
LSM-SS	3/18/86	1554		Y	[illegible] DRAINAGE - PATTERN	2												1				1								4-S[illegible]
LSM-W1	3/18/86	1010	X		WASTE [illegible]	1																	1							4-C[illegible]

Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)	Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)
Neal Strickland	3/21 1:45	[illegible]			
Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)	Relinquished by: (*Signature*)	Date/Time	Received by: (*Signature*)

Remarks: P.O.# 21558

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory; Pink copy retained by laboratory; Yellow copy retained by samplers; Blue copy extra copy as needed.

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO. | PROJECT NAME: WORD PROPERTY

SAMPLERS (Signature): Mark [illegible] / Neal Strickland

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Water/Wastewater: (Gal G (ext org, Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, So4, etc)	ILG (pheno) (O&G) (pest)	ILP (met, hard) (Toc, COD, N, P, etc)	0.5-ILP (S")	½ gal [illegible]	8 oz G (ext org, pest, herb) (met) (EP)	4 oz G (VOA)	P or G (CN, S", N, P, COD, etc)	8 oz G (ext org, pest, herb, VOA)	8 oz G (EP) (met, CN, S", FP) (FP, BTU)	Soil/Sed/Sldg: 32oz G PP BNA	Waste: 32oz G PP BNA (HAZ WASTE)	Misc: 40ml VOA (WASTE)	REMARKS/TAG NUMBERS
WDP-SW	8/18/86	1450		X	SURFACE WATER NW OF SITE	3		1						2										4-5666, 9, 10
WDP-SS	8/18/86	1450		X	STREAM SEDIMENT NW OF SITE	2										1				1				4-5661, 12
WDP-AS	8/18/86	1505		X	NW SITE RUN OF DITCH	2										1				1				4-5663, 14
WDP-WC	8/18/86	1607	X		SURFACE WATER	2															1	1		4-5665, 16

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Neal Strickland	8/21/86	[illegible]				P.O.# 21557
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory; Pink copy retained by laboratory;
Yellow copy retained by samplers; Blue copy extra copy as needed.

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO.

PROJECT NAME: WHITE PROPERTY

SAMPLERS (Signature): Neal Strickland / Mark [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Water/Wastewater: (Gal G (ext org, Pest) (EP) (herb); 40 ml vial (VOA); 250 ml G (TOX); P (Bod, TSS, Cl, Fl, So4, etc); ILG (pheno) (O&G) (pest); ILP (met, hard) (Toc, COD, N, P, etc); 0.5-ILP (S=); ½ gal or ILP (CN); 8 oz G (ext org, pest, herb) (met) (EP); 4 oz G (VOA); P or G (CN, S=, N, P, COD, etc); 8 oz G (ext org, pest, herb, VOA); 8 oz G (EP) (met, CN, S=, FP) (FP, BTU); 1 LOZ GLASS TOTAL P.P)	REMARKS/TAG NUMBERS
WP-DC	8/18/86	1223	X		DRUM COMPOSITE	1	1	4-56607

Circle/add Parameters Desired ( ) - Indicates Separate Containers

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Neal Strickland	8/21 1:45	[signature] 8/21/86 1:45			
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)

Remarks: WASTE SAMPLE

P.O.# 21639

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory; Pink copy retained by laboratory; Yellow copy retained by samplers; Blue copy extra copy as needed.

4 5693

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

PROJ. NO.	PROJECT NAME
	CONNER PROPERTY

SAMPLERS (Signature): Neal Strickland / Mark [illegible]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	REMARKS/TAG NUMBERS
CP-BW	8/18/86	1110		X	BURIED WASTE	2	4-56604 - 56605
CP-DC	8/18/86	1130	X		DRUM COMPOSITE	1	4-56606

Circle/add Parameters Desired ( ) - Indicates Separate Containers

STA. NO.	Water/Wastewater: (Gal G (ext org, Pest) (EP) (herb)	40 ml vial (VOA)	250 ml G (TOX)	P (Bod, TSS, Cl, Fl, So4, etc)	ILG (pheno) (O&G) (pest)	ILP (met, hard) (Toc, COD, N, P, etc)	0.5-ILP (S⁼)	½ gal or ILP (CN)			8 oz G (ext org, pest, herb) (met) (EP)	4 oz G (VOA)	P or G (CN, S⁼, N, P, COD, etc)	Soil/Sed/Sldg: 8 oz G (ext org, pest, herb, VOA)	8 oz G (EP) (met, CN, S⁼, FP) (FP, BTU)	Waste: QT GLASS SILICA FP	16 OZ GLASS TOTAL FP			Misc			
CP-BW												1				1							
CP-DC																	1						

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Neal Strickland	8/21 1:45	[illegible] 8/21/86 1:45			

Remarks: P.O. # 21638

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory; Pink copy retained by laboratory; Yellow copy retained by samplers; Blue copy extra copy as needed.

4 5694

ANNEX A

ANALYTICAL RESULTS FOR LAFAYETTE SHEET METAL

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21558
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : LSM-SS Sample #ACL : 2634 Results (ppb)	Sample Type : ____ Station # : LSM-WI Sample #ACL : 2635 Results (ppb)	Sample Type : ____ Station # : ____ Sample #ACL : ____ Results ( )
GC/MS FRACTION - VOLATILE COMPOUNDS			
Acrolein	---	---	
Acrylonitrile	---	---	
Benzene	*	*	
Bis (Chloromethyl) ether	*	*	
Bromoform	*	*	
Carbon tetrachloride	*	*	
Chlorobenzene	*	*	
Chlorodi-bromomethane	*	*	
Chloroethane	*	*	
2-Chloroethylvinyl ether	*	*	
Chloroform	*	*	
Dichlorobromomethane	*	*	
Dichlorodifluoromethane	*	*	
1,1-Dichloroethane	*	*	
1,2-Dichloroethane	*	*	
1,1-Dichloroethylene	*	*	
1,2-Dichloropropane	*	*	
1,2-Dichloropropylene	*	*	
Ethylbenzene	*	*	
Methyl bromide	*	*	
Methyl chloride	*	*	
Methylene chloride	*	*	
1,1,2,2-Tetrachloroethane	*	*	
Tetrachloroethylene	*	*	
Toluene	*	*	
1,2-Trans-Dichloroethylene	*	*	
1,1,1-Trichloroethane	*	*	
1,1,2-Trichloroethane	*	*	
Trichloroethylene	*	*	
Trichlorofluoromethane	*	*	
Vinyl chloride	*	*	

Steve N. Tsoukalas

Steve Tsoukalas, Ph.D.
Director of Chemistry

*If present, less than 5 ppb.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21558
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : LSM-SS Sample #ACL : 2634 Results (ppm)	Sample Type : ____ Station # : LSM-WI Sample #ACL : 2635 Results (ppm)	Sample Type : ____ Station # : ____ Sample #ACL : ____ Results ( )
GC/MS FRACTION - ACID COMPOUNDS			
2-Chlorophenol	**	**	
2,4-Dichlorophenol	**	**	
2,4-Dimethylphenol	**	**	
4,6-Dinitro-O-cresol	**	**	
2,4-Dinitrophenol	**	**	
2-Nitrophenol	**	**	
4-Nitrophenol	**	**	
P-chloro-M-cresol	**	**	
Pentachlorophenol	**	**	
Phenol	**	**	
2,4,6-Trichlorophenol	**	**	

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

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TELEPHONE (404) 455-1266

Client: R.F. WESTON
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Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21558
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : _____ Station # : LSM-SS Sample #ACL : 2634 Results (ppm)	Sample Type : _____ Station # : LSM-WI Sample #ACL : 2635 Results (ppm)	Sample Type : _____ Station # : _____ Sample #ACL : _____ Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS			
Acenaphthene	**	**	
Acenaphthylene	**	**	
Anthracene	**	**	
Benzidine	**	**	
Benzo (a) anthracene	**	**	
Benzo (a) pyrene	**	**	
3,4- Benzo-fluoranthene	**	**	
Benzo (ghi) perylene	**	**	
Benzo (k) fluoranthene	**	**	
Bis (2-chloroethoxy) methane	**	**	
Bis (2-chloroethyl) ether	**	**	
Bis (2-chloroisopropyl) ether	**	**	
Bis (2-ethyl-hexyl) phthalate	**	**	
4-Bromophenyl phenyl ether	**	**	
Butyl benzyl phthalate	**	**	
2-Chloronaphthalene	**	**	
4-Chlorophenyl phenyl ether	**	**	
Chrysene	**	**	
Dibenzo (a,h) anthracene	**	**	
1,2-Dichlorobenzene	**	**	
1,3-Dichlorobenzene	**	**	
1,4-Dichlorobenzene	**	**	
3,3'-Dichlorobenzidine	**	**	
Diethyl phthalate	**	**	
Dimethyl phthalate	**	**	
Di-N-Butyl phthalate	**	**	
2,4-Dinitrotoluene	**	**	
2,6-Dinitrotoluene	**	**	
Di-N-Octyl phthalate	**	**	
1,2-Diphenylhydrazine	**	**	

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21558
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : _____ Station # : LSM-SS Sample #ACL : 2634 Results (ppm)	Sample Type : _____ Station # : LSM-WI Sample #ACL : 2635 Results (ppm)	Sample Type : _____ Station # : _____ Sample #ACL : _____ Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS (CONT'D)			
Fluoranthene	**	**	
Fluorene	**	**	
Hexachlorobenzene	**	**	
Hexachlorobutadiene	**	**	
Hexachlorocyclopentadiene	**	**	
Hexachloroethane	**	**	
Indeno (1,2,3,-cd) pyrene	**	**	
Isophorone	**	**	
Naphthalene	**	**	
Nitrobenzene	**	**	
N-Nitrosodi-methylamine	**	**	
N-Nitrosodi-N-propylamine	**	**	
N-Nitro-sodiphenylamine	**	**	
Phenanthrene	**	**	
Pyrene	**	**	
1,2,4-Trichlorobenzene	**	**	

**If present, less than 1 ppm.

ANNEX B

ANALYTICAL RESULTS FOR WORD PROPERTY

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : WDP-SW Sample #ACL : 2630 Results (ppb)	Sample Type : ____ Station # : WDP-SS Sample #ACL : 2631 Results (ppb)	Sample Type : ____ Station # : WDP-AS Sample #ACL : 2632 Results (ppb)
GC/MS FRACTION - VOLATILE COMPOUNDS			
Acrolein	---	---	---
Acrylonitrile	---	---	---
Benzene	*	*	*
Bis (Chloromethyl) ether	*	*	*
Bromoform	*	*	*
Carbon tetrachloride	*	*	*
Chlorobenzene	*	*	*
Chlorodi-bromomethane	*	*	*
Chloroethane	*	*	*
2-Chloroethylvinyl ether	*	*	*
Chloroform	*	*	*
Dichlorobromomethane	*	*	*
Dichlorodifluoromethane	*	*	*
1,1-Dichloroethane	*	*	*
1,2-Dichloroethane	*	*	*
1,1-Dichloroethylene	*	*	*
1,2-Dichloropropane	*	*	*
1,2-Dichloropropylene	*	*	*
Ethylbenzene	*	*	*
Methyl bromide	*	*	*
Methyl chloride	*	*	*
Methylene chloride	*	*	*
1,1,2,2-Tetrachloroethane	*	*	*
Tetrachloroethylene	*	*	*
Toluene	*	*	*
1,2-Trans-Dichloroethylene	*	*	*
1,1,1-Trichloroethane	*	*	*
1,1,2-Trichloroethane	*	*	*
Trichloroethylene	*	*	*
Trichlorofluoromethane	*	*	*
Vinyl chloride	*	*	*

*If present, less than 5 ppb.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WDP-WC / Sample #ACL : 2633 Results (ppb)	Sample Type : / Station # : / Sample #ACL : Results ( )	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - VOLATILE COMPOUNDS			
Acrolein	---		
Acrylonitrile	---		
Benzene	*		
Bis (Chloromethyl) ether	*		
Bromoform	*		
Carbon tetrachloride	*		
Chlorobenzene	*		
Chlorodi-bromomethane	*		
Chloroethane	*		
2-Chloroethylvinyl ether	*		
Chloroform	*		
Dichlorobromomethane	*		
Dichlorodifluoromethane	*		
1,1-Dichloroethane	*		
1,2-Dichloroethane	*		
1,1-Dichloroethylene	*		
1,2-Dichloropropane	*		
1,2-Dichloropropylene	*		
Ethylbenzene	638		
Methyl bromide	*		
Methyl chloride	*		
Methylene chloride	*		
1,1,2,2-Tetrachloroethane	*		
Tetrachloroethylene	*		
Toluene	4697		
1,2-Trans-Dichloroethylene	*		
1,1,1-Trichloroethane	*		
1,1,2-Trichloroethane	*		
Trichloroethylene	*		
Trichlorofluoromethane	*		
Vinyl chloride	*		

*If present, less than 5 ppb.

ACL

ADVANCED CHEMISTRY LABS, INC.

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CHIEF CHEMIST

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TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : WDP-SW Sample #ACL : 2630 Results (ppb)	Sample Type : ____ Station # : WDP-SS Sample #ACL : 2631 Results (ppm)	Sample Type : ____ Station # : WDP-AS Sample #ACL : 2632 Results (ppm)
GC/MS FRACTION - ACID COMPOUNDS			
2-Chlorophenol	< 10	**	**
2,4-Dichlorophenol	< 10	**	**
2,4-Dimethylphenol	< 10	**	**
4,6-Dinitro-O-cresol	< 10	**	**
2,4-Dinitrophenol	< 10	**	**
2-Nitrophenol	< 10	**	**
4-Nitrophenol	< 10	**	**
P-chloro-M-cresol	< 10	**	**
Pentachlorophenol	< 10	**	**
Phenol	< 10	**	**
2,4,6-Trichlorophenol	< 10	**	**

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : WDP-WC Sample #ACL : 2633 Results (ppm)	Sample Type : ____ Station # : ____ Sample #ACL : ____ Results ( )	Sample Type : ____ Station # : ____ Sample #ACL : ____ Results ( )
GC/MS FRACTION - ACID COMPOUNDS			
2-Chlorophenol	**		
2,4-Dichlorophenol	**		
2,4-Dimethylphenol	**		
4,6-Dinitro-O-cresol	**		
2,4-Dinitrophenol	**		
2-Nitrophenol	**		
4-Nitrophenol	**		
P-chloro-M-cresol	**		
Pentachlorophenol	**		
Phenol	**		
2,4,6-Trichlorophenol	**		

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WDP-SW / Sample #ACL : 2630 Results (ppb)	Sample Type : / Station # : WDP-SS / Sample #ACL : 2631 Results (ppm)	Sample Type : / Station # : WDP-AS / Sample #ACL : 2632 Results (ppm)
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS			
Acenaphthene	< 10	**	**
Acenaphthylene	< 10	**	**
Anthracene	< 10	**	**
Benzidine	< 10	**	**
Benzo (a) anthracene	< 10	**	**
Benzo (a) pyrene	< 10	**	**
3,4- Benzo-fluoranthene	< 10	**	**
Benzo (ghi) perylene	< 10	**	**
Benzo (k) fluoranthene	< 10	**	**
Bis (2-chloroethoxy) methane	< 10	**	**
Bis (2-chloroethyl) ether	< 10	**	**
Bis (2-chloroisopropyl) ether	< 10	**	**
Bis (2-ethyl-hexyl) phthalate	< 10	**	**
4-Bromophenyl phenyl ether	< 10	**	**
Butyl benzyl phthalate	< 10	**	**
2-Chloronaphthalene	< 10	**	**
4-Chlorophenyl phenyl ether	< 10	**	**
Chrysene	< 10	**	**
Dibenzo (a,h) anthracene	< 10	**	**
1,2-Dichlorobenzene	< 10	**	**
1,3-Dichlorobenzene	< 10	**	**
1,4-Dichlorobenzene	< 10	**	**
3,3'-Dichlorobenzidine	< 10	**	**
Diethyl phthalate	< 10	**	**
Dimethyl phthalate	< 10	**	**
Di-N-Butyl phthalate	< 10	**	**
2,4-Dinitrotoluene	< 10	**	**
2,6-Dinitrotoluene	< 10	**	**
Di-N-Octyl phthalate	< 10	**	**
1,2-Diphenylhydrazine	< 10	**	**

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : _____ Station # : WDP-SW Sample #ACL : 2630 Results (ppb)	Sample Type : _____ Station # : WDP-SS Sample #ACL : 2631 Results (ppm)	Sample Type : _____ Station # : WDP-AS Sample #ACL : 2632 Results (ppm)
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS (CONT'D)			
Fluoranthene	< 10	**	**
Fluorene	< 10	**	**
Hexachlorobenzene	< 10	**	**
Hexachlorobutadiene	< 10	**	**
Hexachlorocyclopentadiene	< 10	**	**
Hexachloroethane	< 10	**	**
Indeno (1,2,3,-cd) pyrene	< 10	**	**
Isophorone	< 10	**	**
Naphthalene	< 10	**	**
Nitrobenzene	< 10	**	**
N-Nitrosodi-methylamine	< 10	**	**
N-Nitrosodi-N-propylamine	< 10	**	**
N-Nitro-sodiphenylamine	< 10	**	**
Phenanthrene	< 10	**	**
Pyrene	< 10	**	**
1,2,4-Trichlorobenzene	< 10	**	**

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
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Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WDP-WC / Sample #ACL : 2633 — Results (ppm)	Sample Type : / Station # : / Sample #ACL : — Results ( )	Sample Type : / Station # : / Sample #ACL : — Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS			
Acenaphthene	**		
Acenaphthylene	**		
Anthracene	**		
Benzidine	**		
Benzo (a) anthracene	**		
Benzo (a) pyrene	**		
3,4- Benzo-fluoranthene	**		
Benzo (ghi) perylene	**		
Benzo (k) fluoranthene	**		
Bis (2-chloroethoxy) methane	**		
Bis (2-chloroethyl) ether	**		
Bis (2-chloroisopropyl) ether	**		
Bis (2-ethyl-hexyl) phthalate	**		
4-Bromophenyl phenyl ether	**		
Butyl benzyl phthalate	**		
2-Chloronaphthalene	**		
4-Chlorophenyl phenyl ether	**		
Chrysene	**		
Dibenzo (a,h) anthracene	**		
1,2-Dichlorobenzene	**		
1,3-Dichlorobenzene	**		
1,4-Dichlorobenzene	**		
3,3'-Dichlorobenzidine	**		
Diethyl phthalate	**		
Dimethyl phthalate	**		
Di-N-Butyl phthalate	**		
2,4-Dinitrotoluene	**		
2,6-Dinitrotoluene	**		
Di-N-Octyl phthalate	**		
1,2-Diphenylhydrazine	**		

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
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Client: R.F. WESTON
4329 Memorial Drive
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21557
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WDP-WC / Sample #ACL : 2633 Results (ppm)	Sample Type : / Station # : / Sample #ACL : Results ( )	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS (CONT'D)			
Fluoranthene	**		
Fluorene	**		
Hexachlorobenzene	**		
Hexachlorobutadiene	**		
Hexachlorocyclopentadiene	**		
Hexachloroethane	**		
Indeno (1,2,3,-cd) pyrene	**		
Isophorone	**		
Naphthalene	**		
Nitrobenzene	**		
N-Nitrosodi-methylamine	**		
N-Nitrosodi-N-propylamine	**		
N-Nitro-sodiphenylamine	**		
Phenanthrene	**		
Pyrene	**		
1,2,4-Trichlorobenzene	**		

Steve N. Tsoukalas
Steve Tsoukalas, Ph.D.
Director of Chemistry

**If present, less than 1 ppm.

ANNEX C

ANALYTICAL RESULT FOR CONNER PROPERTY

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21638
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : CP-BW Sample #ACL : 2637 Results (ppb)	Sample Type : ____ Station # : CP-DC Sample #ACL : 2638 Results (ppb)	Sample Type : ____ Station # : ____ Sample #ACL : ____ Results ( )
GC/MS FRACTION · VOLATILE COMPOUNDS			
Acrolein	---	---	
Acrylonitrile	---	---	
Benzene	*	*	
Bis (Chloromethyl) ether	*	*	
Bromoform	*	*	
Carbon tetrachloride	*	*	
Chlorobenzene	*	*	
Chlorodi-bromomethane	*	*	
Chloroethane	*	*	
2-Chloroethylvinyl ether	*	*	
Chloroform	*	*	
Dichlorobromomethane	*	*	
Dichlorodifluoromethane	*	*	
1,1-Dichloroethane	*	*	
1,2-Dichloroethane	*	*	
1,1-Dichloroethylene	*	*	
1,2-Dichloropropane	*	*	
1,2-Dichloropropylene	*	*	
Ethylbenzene	6258	*	
Methyl bromide	*	*	
Methyl chloride	*	*	
Methylene chloride	*	*	
1,1,2,2-Tetrachloroethane	*	*	
Tetrachloroethylene	*	*	
Toluene	*	*	
1,2-Trans-Dichloroethylene	*	*	
1,1,1-Trichloroethane	*	*	
1,1,2-Trichloroethane	*	*	
Trichloroethylene	*	*	
Trichlorofluoromethane	*	*	
Vinyl chloride	*	*	

Steve N. Tsoukalas/N.H.
Steve Tsoukalas, Ph.D.
Director of Chemistry

*If present, less than 5 ppb.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

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Client: R.F. WESTON
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Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21638
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : _____ Station # : CP-BW Sample #ACL : 2637 Results (ppm)	Sample Type : _____ Station # : CP-DC Sample #ACL : 2638 Results (ppm)	Sample Type : _____ Station # : _____ Sample #ACL : _____ Results ( )
GC/MS FRACTION - ACID COMPOUNDS			
2-Chlorophenol	**	**	
2,4-Dichlorophenol	**	**	
2,4-Dimethylphenol	**	**	
4,6-Dinitro-O-cresol	**	**	
2,4-Dinitrophenol	**	**	
2-Nitrophenol	**	**	
4-Nitrophenol	**	**	
P-chloro-M-cresol	**	**	
Pentachlorophenol	**	**	
Phenol	**	**	
2,4,6-Trichlorophenol	**	**	

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

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Attention: Mr. Neil Strickland

Client Project No.: #21638
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : CP-BW / Sample #ACL : 2637 Results (ppm)	Sample Type : / Station # : CP-DC / Sample #ACL : 2638 Results (ppm)	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS			
Acenaphthene	**	**	
Acenaphthylene	**	**	
Anthracene	**	**	
Benzidine	**	**	
Benzo (a) anthracene	**	**	
Benzo (a) pyrene	**	**	
3,4- Benzo-fluoranthene	**	**	
Benzo (ghi) perylene	**	**	
Benzo (k) fluoranthene	**	**	
Bis (2-chloroethoxy) methane	**	**	
Bis (2-chloroethyl) ether	**	**	
Bis (2-chloroisopropyl) ether	**	**	
Bis (2-ethyl-hexyl) phthalate	**	**	
4-Bromophenyl phenyl ether	**	**	
Butyl benzyl phthalate	**	**	
2-Chloronaphthalene	**	**	
4-Chlorophenyl phenyl ether	**	**	
Chrysene	**	**	
Dibenzo (a,h) anthracene	**	**	
1,2-Dichlorobenzene	**	**	
1,3-Dichlorobenzene	**	**	
1,4-Dichlorobenzene	**	**	
3,3'-Dichlorobenzidine	**	**	
Diethyl phthalate	**	**	
Dimethyl phthalate	**	**	
Di-N-Butyl phthalate	**	**	
2,4-Dinitrotoluene	**	**	
2,6-Dinitrotoluene	**	**	
Di-N-Octyl phthalate	**	**	
1,2-Diphenylhydrazine	**	**	

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

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Attention: Mr. Neil Strickland

Client Project No.: #21638
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : CP-BW / Sample #ACL : 2637 Results (ppm)	Sample Type : / Station # : CP-DC / Sample #ACL : 2638 Results (ppm)	Sample Type : / Station # : / Sample #ACL : / Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS (CONT'D)			
Fluoranthene	**	**	
Fluorene	**	**	
Hexachlorobenzene	**	**	
Hexachlorobutadiene	**	**	
Hexachlorocyclopentadiene	**	**	
Hexachloroethane	**	**	
Indeno (1,2,3,-cd) pyrene	**	**	
Isophorone	**	**	
Naphthalene	**	**	
Nitrobenzene	**	**	
N-Nitrosodi-methylamine	**	**	
N-Nitrosodi-N-propylamine	**	**	
N-Nitro-sodiphenylamine	**	**	
Phenanthrene	**	**	
Pyrene	**	**	
1,2,4-Trichlorobenzene	**	**	

**If present, less than 1 ppm.

ANNEX D

ANALYTICAL RESULTS FOR WHITE PROPERTY

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

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Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21639
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WP-DC / Sample #ACL : 2636 Results (ppb)	Sample Type : / Station # : / Sample #ACL : Results ( )	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - VOLATILE COMPOUNDS			
Acrolein	---		
Acrylonitrile	---		
Benzene	*		
Bis (Chloromethyl) ether	*		
Bromoform	*		
Carbon tetrachloride	*		
Chlorobenzene	*		
Chlorodi-bromomethane	*		
Chloroethane	*		
2-Chloroethylvinyl ether	*		
Chloroform	*		
Dichlorobromomethane	*		
Dichlorodifluoromethane	*		
1,1-Dichloroethane	*		
1,2-Dichloroethane	*		
1,1-Dichloroethylene	*		
1,2-Dichloropropane	*		
1,2-Dichloropropylene	*		
Ethylbenzene	*		
Methyl bromide	*		
Methyl chloride	*		
Methylene chloride	*		
1,1,2,2-Tetrachloroethane	*		
Tetrachloroethylene	*		
Toluene	*		
1,2-Trans-Dichloroethylene	*		
1,1,1-Trichloroethane	*		
1,1,2-Trichloroethane	*		
Trichloroethylene	*		
Trichlorofluoromethane	*		
Vinyl chloride	*		

Steve N. Tsoukalas
Steve Tsoukalas, PH.D.
Director of Chemistry

*If present, less than 5 ppb.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
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Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21639
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WP-DC / Sample #ACL : 2636 Results (ppm)	Sample Type : / Station # : / Sample #ACL : Results ( )	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - ACID COMPOUNDS			
2-Chlorophenol	< 10		
2,4-Dichlorophenol	< 10		
2,4-Dimethylphenol	< 10		
4,6-Dinitro-O-cresol	< 10		
2,4-Dinitrophenol	< 10		
2-Nitrophenol	< 10		
4-Nitrophenol	< 10		
P-chloro-M-cresol	< 10		
Pentachlorophenol	< 10		
Phenol	< 10		
2,4,6-Trichlorophenol	< 10		

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

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Client: R.F. WESTON
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Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21639
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WP-DC / Sample #ACL : 2636 Results (ppb)	Sample Type : / Station # : / Sample #ACL : Results ( )	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS			
Acenaphthene	< 10		
Acenaphthylene	< 10		
Anthracene	< 10		
Benzidine	< 10		
Benzo (a) anthracene	< 10		
Benzo (a) pyrene	< 10		
3,4- Benzo-fluoranthene	< 10		
Benzo (ghi) perylene	< 10		
Benzo (k) fluoranthene	< 10		
Bis (2-chloroethoxy) methane	< 10		
Bis (2-chloroethyl) ether	< 10		
Bis (2-chloroisopropyl) ether	< 10		
Bis (2-ethyl-hexyl) phthalate	< 10		
4-Bromophenyl phenyl ether	< 10		
Butyl benzyl phthalate	< 10		
2-Chloronaphthalene	< 10		
4-Chlorophenyl phenyl ether	< 10		
Chrysene	< 10		
Dibenzo (a,h) anthracene	< 10		
1,2-Dichlorobenzene	< 10		
1,3-Dichlorobenzene	< 10		
1,4-Dichlorobenzene	< 10		
3,3'-Dichlorobenzidine	< 10		
Diethyl phthalate	< 10		
Dimethyl phthalate	< 10		
Di-N-Butyl phthalate	< 10		
2,4-Dinitrotoluene	< 10		
2,6-Dinitrotoluene	< 10		
Di-N-Octyl phthalate	< 10		
1,2-Diphenylhydrazine	< 10		

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Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21639
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : WP-DC / Sample #ACL : 2636 Results (ppb)	Sample Type : / Station # : / Sample #ACL : Results ( )	Sample Type : / Station # : / Sample #ACL : Results ( )
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS (CONT'D)			
Fluoranthene	< 10		
Fluorene	< 10		
Hexachlorobenzene	< 10		
Hexachlorobutadiene	< 10		
Hexachlorocyclopentadiene	< 10		
Hexachloroethane	< 10		
Indeno (1,2,3,-cd) pyrene	< 10		
Isophorone	< 10		
Naphthalene	< 10		
Nitrobenzene	< 10		
N-Nitrosodi-methylamine	< 10		
N-Nitrosodi-N-propylamine	< 10		
N-Nitro-sodiphenylamine	< 10		
Phenanthrene	< 10		
Pyrene	< 10		
1,2,4-Trichlorobenzene	< 10		

ANNEX E

ANALYTICAL RESULTS FOR STEELE'S PROPERTY

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21637
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : / Station # : SL-CS / Sample #ACL : 2639 Results (ppb)	Sample Type : / Station # : SL-WP / Sample #ACL : 2640 Results (ppb)	Sample Type : / Station # : SL-WB / Sample #ACL : 2641 Results (ppb)
GC/MS FRACTION - VOLATILE COMPOUNDS			
Acrolein	---	---	---
Acrylonitrile	---	---	---
Benzene	*	*	*
Bis (Chloromethyl) ether	*	*	*
Bromoform	*	*	*
Carbon tetrachloride	*	*	*
Chlorobenzene	*	*	*
Chlorodi-bromomethane	*	*	*
Chloroethane	*	*	*
2-Chloroethylvinyl ether	*	*	*
Chloroform	*	*	*
Dichlorobromomethane	*	*	*
Dichlorodifluoromethane	*	*	*
1,1-Dichloroethane	*	*	*
1,2-Dichloroethane	*	*	*
1,1-Dichloroethylene	*	*	*
1,2-Dichloropropane	*	*	*
1,2-Dichloropropylene	*	*	*
Ethylbenzene	*	2379	1587
Methyl bromide	*	*	*
Methyl chloride	*	*	*
Methylene chloride	*	*	*
1,1,2,2-Tetrachloroethane	*	*	*
Tetrachloroethylene	*	*	*
Toluene	*	*	*
1,2-Trans-Dichloroethylene	*	*	*
1,1,1-Trichloroethane	*	*	*
1,1,2-Trichloroethane	*	*	*
Trichloroethylene	*	*	*
Trichlorofluoromethane	*	*	*
Vinyl chloride	*	*	*

*If present, less than 5 ppb.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

P.O. BOX 88610 • ATLANTA, GEORGIA 30356
TELEPHONE (404) 455-1266

Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21637
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : SL-CS Sample #ACL : 2639 Results (ppm)	Sample Type : ____ Station # : SL-WP Sample #ACL : 2640 Results (ppm)	Sample Type : ____ Station # : SL-WB Sample #ACL : 2641 Results (ppm)
GC/MS FRACTION - ACID COMPOUNDS			
2-Chlorophenol	**	< 10	< 10
2,4-Dichlorophenol	**	< 10	< 10
2,4-Dimethylphenol	**	< 10	< 10
4,6-Dinitro-O-cresol	**	< 10	< 10
2,4-Dinitrophenol	**	< 10	< 10
2-Nitrophenol	**	< 10	< 10
4-Nitrophenol	**	< 10	< 10
P-chloro-M-cresol	**	< 10	< 10
Pentachlorophenol	**	< 10	< 10
Phenol	**	< 10	< 10
2,4,6-Trichlorophenol	**	< 10	< 10

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
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Client: R.F. WESTON
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Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21637
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : SL-CS Sample #ACL : 2639 Results (ppm)	Sample Type : ____ Station # : SL-WP Sample #ACL : 2640 Results (ppm)	Sample Type : ____ Station # : SL-WB Sample #ACL : 2641 Results (ppm)
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS			
Acenaphthene	**	< 10	< 10
Acenaphthylene	**	< 10	< 10
Anthracene	**	< 10	< 10
Benzidine	**	< 10	< 10
Benzo (a) anthracene	**	< 10	< 10
Benzo (a) pyrene	**	< 10	< 10
3,4- Benzo-fluoranthene	**	< 10	< 10
Benzo (ghi) perylene	**	< 10	< 10
Benzo (k) fluoranthene	**	< 10	< 10
Bis (2-chloroethoxy) methane	**	< 10	< 10
Bis (2-chloroethyl) ether	**	< 10	< 10
Bis (2-chloroisopropyl) ether	**	< 10	< 10
Bis (2-ethyl-hexyl) phthalate	**	< 10	< 10
4-Bromophenyl phenyl ether	**	< 10	< 10
Butyl benzyl phthalate	**	< 10	< 10
2-Chloronaphthalene	**	< 10	< 10
4-Chlorophenyl phenyl ether	**	< 10	< 10
Chrysene	**	< 10	< 10
Dibenzo (a,h) anthracene	**	< 10	< 10
1,2-Dichlorobenzene	**	< 10	< 10
1,3-Dichlorobenzene	**	< 10	< 10
1,4-Dichlorobenzene	**	< 10	< 10
3,3'-Dichlorobenzidine	**	< 10	< 10
Diethyl phthalate	**	< 10	< 10
Dimethyl phthalate	**	< 10	< 10
Di-N-Butyl phthalate	**	< 10	< 10
2,4-Dinitrotoluene	**	< 10	< 10
2,6-Dinitrotoluene	**	< 10	< 10
Di-N-Octyl phthalate	**	< 10	< 10
1,2-Diphenylhydrazine	**	< 10	< 10

**If present, less than 1 ppm.

ACL

ADVANCED CHEMISTRY LABS, INC.

DR. STEVE N. TSOUKALAS
CHIEF CHEMIST

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Client: R.F. WESTON
4329 Memorial Drive
Suite C
Decatur, GA 30032

Attention: Mr. Neil Strickland

Client Project No.: #21637
ACL Project No.: #0484
Date Received: 8/21/86
Report Date: 9/16/86

TEST REQUIRED	Sample Type : ____ Station # : SL-CS Sample #ACL : 2639 Results (ppm)	Sample Type : ____ Station # : SL-WP Sample #ACL : 2640 Results (ppm)	Sample Type : ____ Station # : SL-WB Sample #ACL : 2641 Results (ppm)
GC/MS FRACTION - BASE/ NEUTRAL COMPOUNDS (CONT'D)			
Fluoranthene	**	< 10	< 10
Fluorene	**	< 10	< 10
Hexachlorobenzene	**	< 10	< 10
Hexachlorobutadiene	**	< 10	< 10
Hexachlorocyclopentadiene	**	< 10	< 10
Hexachloroethane	**	< 10	< 10
Indeno (1,2,3,-cd) pyrene	**	< 10	< 10
Isophorone	**	< 10	< 10
Naphthalene	**	< 10	< 10
Nitrobenzene	**	< 10	< 10
N-Nitrosodi-methylamine	**	< 10	< 10
N-Nitrosodi-N-propylamine	**	< 10	< 10
N-Nitro-sodiphenylamine	**	< 10	< 10
Phenanthrene	**	< 10	< 10
Pyrene	**	< 10	< 10
1,2,4-Trichlorobenzene	**	< 10	< 10

Steve N. Tsoukalas
Steve Tsoukalas, Ph.D.
Director of Chemistry

**If present, less than 1 ppm.